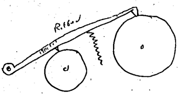
1878. Phonograph (NS-78-007)

Facsimiles prepared for use as exhibits in American Graphophone Company v. Edison Phonograph Works follow all other notes and drawings.

Phonograph

Jany 2 1878
T A Edison
Batchelor
J Kruesi



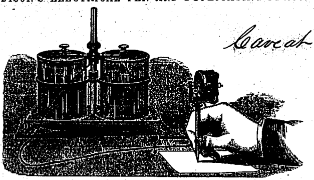
Phonograph

for enlarging the record on a second Cylinder by leverage
an Elastic bump on 1st cylinder and rotated slow to give full time to act

In registration perhaps a chisel shaped point would be best thus ∪ and not thus ∨ the sheet could be cut commercially without effecting reproduction =

EDISON'S ELECTRICAL PEN AND DUPLICATING PRESS.

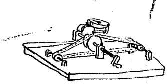
Caveat

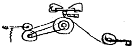


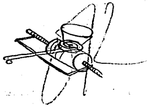
CHAS. BATCHELOR, General Agent for Foreign Countries.
P. O. Box 8207.

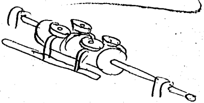
New York ______ 187

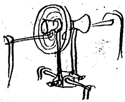
Feby 3 1878 TAEdison



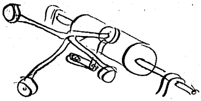






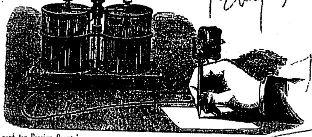


double record right & left



EDISON'S ELECTRICAL PEN AND DUPLICATING PRESS. Caveat

Feby 3 1878



T A Edison

CHAS. BATCHELOR, General Agent for Foreign Countries.
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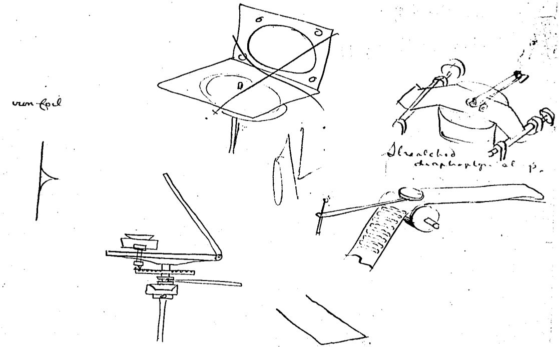
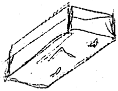

tin foil
Stretched diaphragm at p.

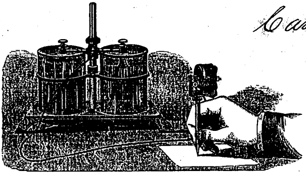


Copy of Plan
Caract

pm 12

EDISON'S ELECTRICAL PEN AND DUPLICATING PRESS.

Caveat



CHAS. BATCHELOR, General Agent for Foreign Countries.
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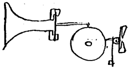
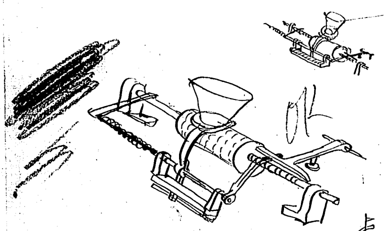
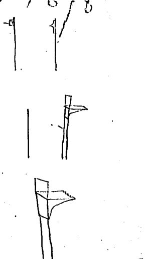
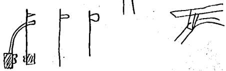
New York Feby 3 1878

TA Edison









Caveat

July 3, 1878

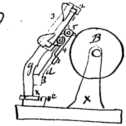

3
2
5
4
B
g
d
B
x
c
X

Fig. 1.

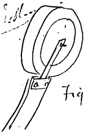


Fig 7

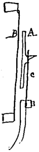
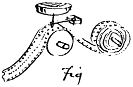


Fig 8



Fig

OK

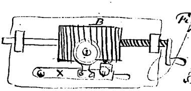


Fig. 2.

OK

Fig. 6.

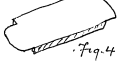


Fig. 4.

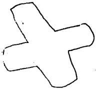


Fig 5

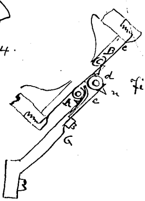
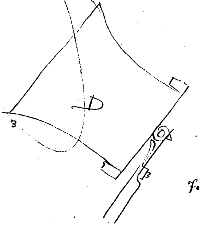


Fig 3.



OK

Fig 13

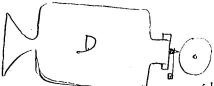
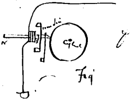


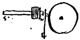
Fig 14

OK



Fig

OK



Fig

OK

Caveat

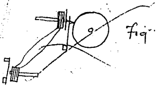


Fig 9

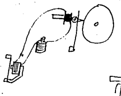


Fig 10

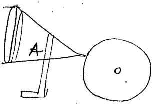


Fig 13

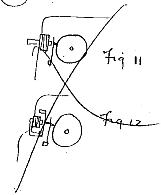
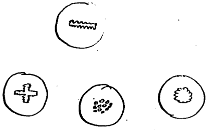


Fig 11

Fig 12



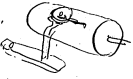
July 3 1878

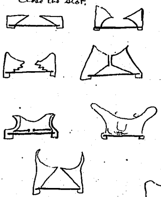
T A Edison

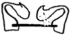
Phonograph -

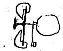
Feby 8. 1878 -
TAEdison

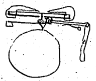
x is lip movement,
in reproducing it is arranged to
Close the slot.







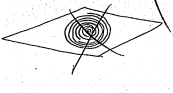




Caveat

Feby 3 1876

T A Edison



X

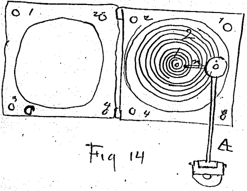

0 1
20
0 2
10
2
3
0 3
8
0 4
8
A

Fig 14

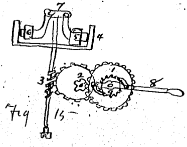


Fig 15

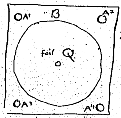

OA1
B
OA2
foil Q
o
OA3
A4O

Fig 16

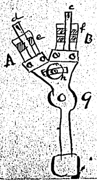
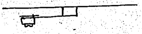
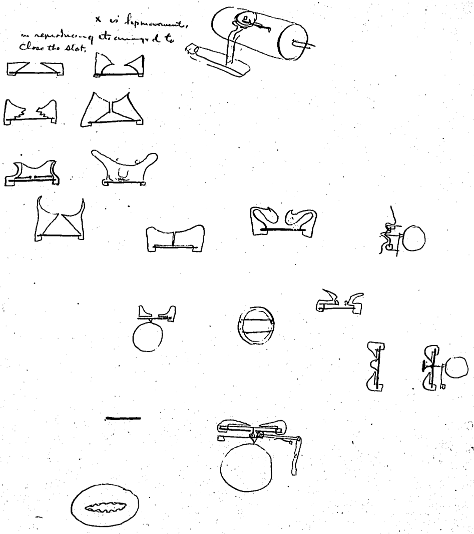


Fig 17



Phonograph -

Feby 8. 1878-
TA Edison



x is lip movement,
in reproducing its changed to
Close the slot,

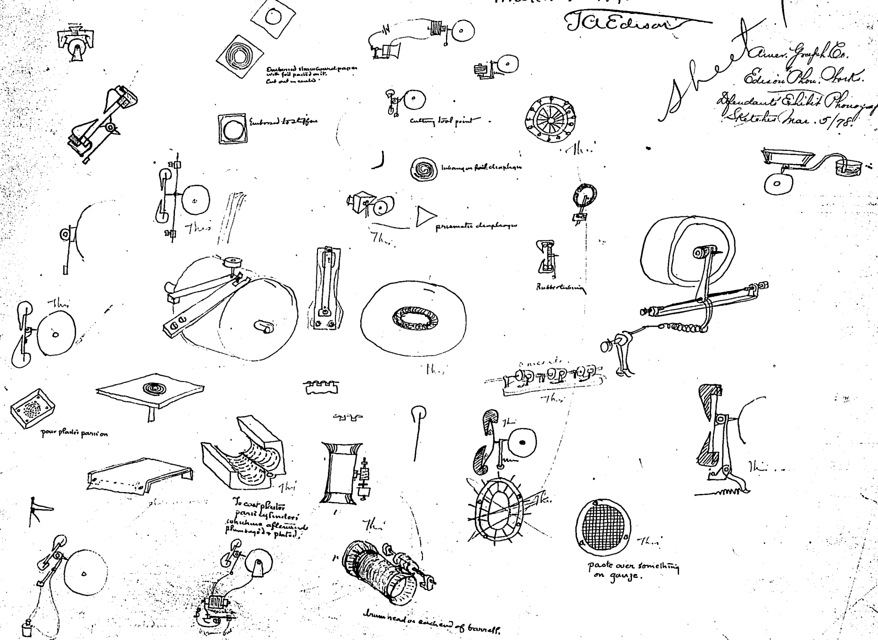
Phonograph Devices for ~~a new~~ Caveat No. 2. Phono –

March 5 1878

T A Edison

Sheet 1

Amer. Graph. Co.
Edison Phon. Works.
Defendant's Exhibit Phonograph
Sketches Mar. 5/78.

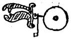

Embossed strawboard paper
with foil pasted on it.
Cut out in center.
Embossed to stiffen
Cutting tool point
Embossing on foil diaphragm
prismatic diaphragm
This
This
This
This
Rubber tubing
This
This
pour plaster paris on
This
This
To cast plaster
paris cylinders
which are afterwards
plumbagoed & plated.
This
This
paste over something
on gauze.
drum head on each end of barrell.

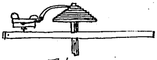
To be returned

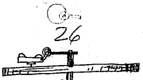
Phonograph Caveat No. 2. Sheet 2.

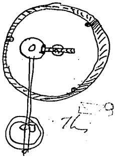
March 28 1878

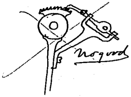
T A Edison

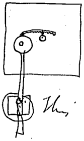


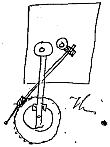


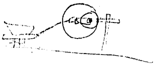








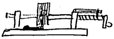


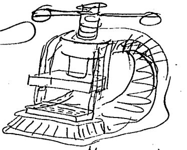


(To be returned),

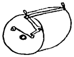
May 10 1878

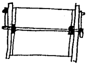
Caveat Phonograph

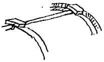


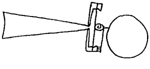


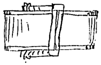
Stamping Process

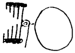


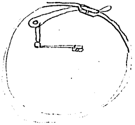


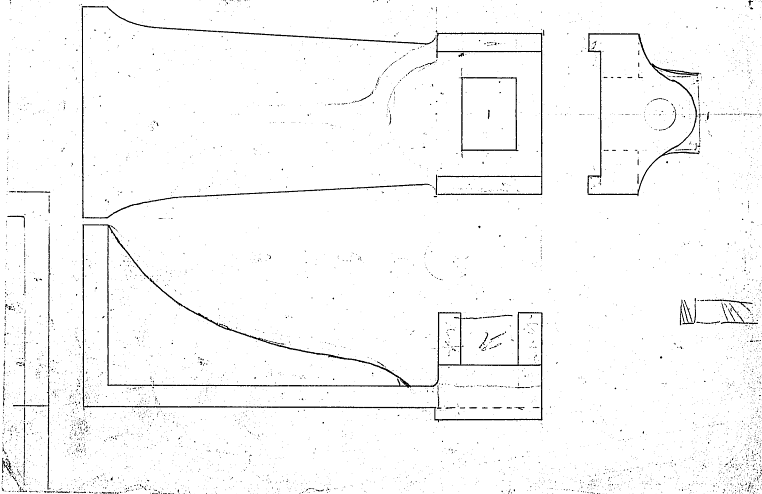












May 13th 1828

T. A. EDISON,
Phonograph
Menlo Park, N. J., 1st June 1878

Mr Kruesi —

Please make me diaphragms for this and mark which way they go on of the following things

X 1 Ferrotype plate
X 2 Drawing paper
X 3 Make 2 of the Cork. — thin up stairs
4 Hard Rubber
X 5 Writing paper
X 6 Soft rubber 2
X 7 Shield brass
X 8 Copper (thinnest)
X 9 Patent leather
X 10 Parafin paper
X 11 2 doz paper from roll upstairs so that I can soak them in different things.
X 12 one of each thickness of tinfoil

Batchelor

X 1 of paper dipped in shellac

X 1 " wood

X 1 Vulcanized paper

1 Bladder

X 1 rubber cloth

X 1 oil linen "

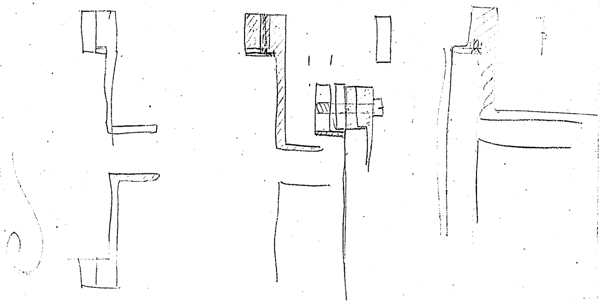
X 1 German Silver

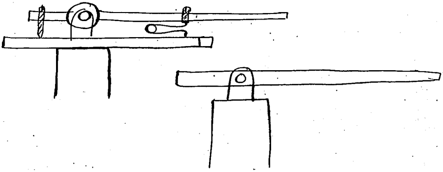
X 1 Steel

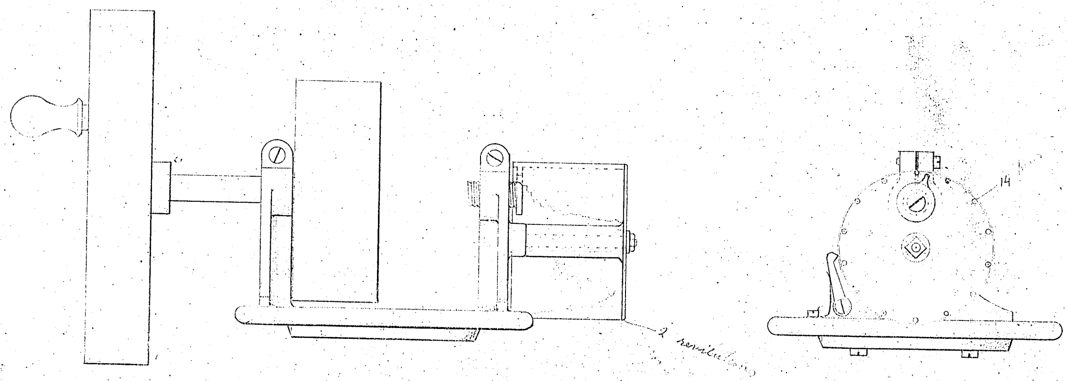
Phonautograph July 10th 1878

Chas Batchelor

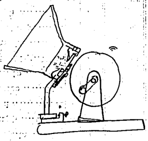
Diaphragm must be stretched





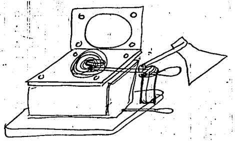

14 holes
2 revolutions

John Fritz
July 18. 1878



Also make this just like the Illustrating one =

Model.



Batch make drawing of our new phono - make complete model with the extra arm with funnell = shew it just as we are going to make it.

[FACSIMILE]

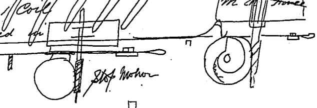
~~To be read on Tuesday & deld to Johnson at 20 Church St~~

~~Design a box to put in a~~

~~Receiver~~
~~Transmitter~~
~~1 Coil~~

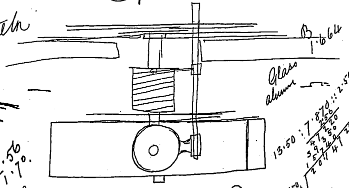
~~to be carried for~~

T A Edison
J Kruesi
~~G E Carman~~
M N Force



talking clock
Feb 20 1878

Batchelor



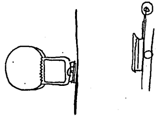
Al. 2.56
1.70.

13.50 : 7.870 :: 2.56
2.56
4720
3935 0
1574 0
2014 720 (1
13.50) 20147

178
136

18
5
90

175
85



American Graphophone Co.
vs.
Edison Phonograph Works.
Defendants' Exhibit Sketch
Clock Phonograph Feb. 20/78.
E.C. Exr.

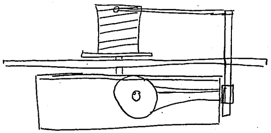
Phonograph

Feb 22nd 1878

Speaking attachment for clocks

Chas Batchelor
T A Edison
J Kruesi
G E Carman
M N Force

Drum 4⅛ diam

American Graphophone Company
vs.
Edison Phonograph Works.
Defendants' Exhibit Sketch of Batchelor's
Phonograph Feb. 22/78.
E.C. Exr.